

U	劉二國	PT	P	Document ID	Issue Date	Pages	Established to the second of t	A Current OR	Curre -
r.	г	Б	Γ.	US 20050015351 A1	20050120	54	Nanotechnology neural network methods and systems	706/33	706/26
Г	г	Б	Г	US 20040193558 Al	20040930	47	Adaptive neural network utilizing nanotechnology-based components	706/25	706/15 977/DI
Г	г	n	П	US 20040190217 A1	20040930	17	MEMS VARIABLE INDUCTOR AND CAPACITOR	361/277	3
г Г	г	П	Г	US 20040162796 Al	20040819			706/27	706/25 977/DI
C	г	n j	Г	US 20040153426 Al	20040805	60	Physical neural network liquid state machine utilizing nanotechnology	706/25	706/26 977/DI
г.	Г,	г	П	US 20040134788 Al	20040715	56	Multi-cell masks and methods and apparatus for using such masks to form three-dimensional structures	205/135	205/17 205/22
г.;	г	Г	Γ:	US 20040129573 Al	20040708			205/170	205/18
r	г	n	Г	us 20040011650 Al	20040122	34	Method and apparatus for manipulating polarizable analytes via dielectrophoresis	204/547	204/64
П	г	П	г	US 20030227348 A1	20031211	31	High temperature superconductor tunable filter	333/99s	505/21
п	r	6	Г.	US 6880388 B1	20050419	36	Active cantilever for nanomachining and metrology	73/105	1 8
П	г	П	Г	US 6876877 B2	20050405	31	High temperature superconductor tunable filter having a movable substrate controlled by a magnetic actuator	505/210	333/20 333/99
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				C   C   C   C   C   C   C   C   C   C	C		C   C   C   N1   S   20050015351   200500120   54	C   C   C   C   Al   S   S   S   S   S   S   S   S   S	

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	34	(RF-MEMS adj switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/06/08 18:32
L2	3	(("6430511") or ("6674321") or ("6232847")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2005/06/08 18:33
L3	4	("5578976"   "5808527"   "5872489"   "5880921").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/08 18:33
L4	31	("6232847").URPN.	USPAT	OR	ON	2005/06/08 18:40
S2	210	((RF-MEMS or (RF near2 MEMS)) adj switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/12 16:42
S3	1	"20040124497"	US:PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/12 18:20
S4	1	S3 and (actuation near area)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/12 16:43
S6	6	("20020027660" "20020085211" "20030043382" "4211488" "63 23951").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/12 18:14
S7	1.	S3 and armature	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/12 17:04
S8	2	rottenberg-xavier.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/12 17:55
S9	7	jansen-henri.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/12 17:56
S10	6	tilmans-hendrikus.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/12 17:56
S13	3.	raedt-walter-de.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/12 17:57
S14	7	S8 S9 S10 S13	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR .	ON	2005/05/12 17:57

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S15	6	S14 not (S3 S6)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/12 17:57
S16	4	S15 and ((capacitor or capacitance) near2 switch\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/12 18:03
S17	4	de-raedt-walter.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/12 18:00
S19	1	S17 not S15	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/12 18:03
S21	18	"410954"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/12 18:04
S25	1	"410954".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/12 18:06
S26	. 1	US41095402P	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/12 18:06
S28	7	("20020074621"   "20030199118"   "3829881"   "5070317"   "5808527"   "5883382"   "6195047").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 18:08
S30	1583	((micro adj2 electromechanical) or "MEMS") and (switch\$5 near2 capacit\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/12 18:16
S31	1578	S30 not (S3 S6 S14 S25 S28)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/12 18:17
S32	74	S31 and (electrode or plate) and (dielectric or insulat\$4) and float\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/12 18:18
S33	33	S32 and (armatur\$4 or bridge or caltilev\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/12 18:20
S34	42	S32 and (armatur\$4 or bridge or cantilev\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/12 18:21
S35	33	S34 and (actuat\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/12 18:22

S36	5	S35 and overlap\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/12 18:31
S37	28	S35 not S36	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/12 18:34
S38	. 9	("5391543"   "5604375"   "5808527"   "5968876"   "6016434"   "6049726"   "6347237"   "6437965"   "6441449").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 18:42
S39	1	("6662029").URPN.	USPAT	OR	ON	2005/05/12 18:48
S40	5	S34 not S35	USPAT	OR	ON	2005/05/12 18:49
S41	0	(micro adj electromechanecal adj switch\$5 and capacitor) .	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/13 15:45
\$42	64	(micro adj electromechanical adj switch\$5 and capacitor)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/13 12:39
\$43	1	(micro adj electromechanical adj switch\$5 adj capacitor)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/13 12:39
S44	1	S42 and (electrode or plate) near (float\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/13 12:40
S45	2	S42 and (electrode or plate) same (float\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/13 12:40
S46	3	("5578976"   "5619061"   "5880921").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/13 14:46
S47	8	("4674180"   "4959515"   "5061049"   "5121089"   "5164688"   "5168249"   "5175521"   "5479042").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/13 15:03
S48	78	("5619061").URPN.	USPAT	OR	ON	2005/05/13 15:06
S49	4	("5268696"   "5619061"   "6160230"   "6426687").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/13 15:17
S50	8	("2927255"   "2942077"   "4570139"   "5278368"   "5544001"   "5677823").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/13 15:21
S51	23	("6160230").URPN.	USPAT	OR	ON	2005/05/13 15:22
S52	1	("6639488").URPN.	USPAT	OR	ON	2005/05/13 15:27
S53	1485	((micro adj electro adj mechanical) or "MEMS" or (micro adj electromechanical) or (micro-electro-mechanical) or (micro-electro-mechanical)) or (micro-electro-mechanical)) same switch\$5 same capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/13 16:23
S54	861	S53 and (bridg\$4 or cantilev\$4 or armatur\$4 or membran\$4 or beam)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/13 15:53

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S55	70	S54 and (float\$4 or (float\$4 adj (gate or electrode or plate or element or component)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/13 15:54
S56	66	S55 not (S46 S47 S48 S49 S50 S51 S52)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/13 15:55
S57	39	S56 and (dielectric or insulat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/13 15:57
S58	30	S57 and (actuat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/13 16:21
S59	3	(("5696662") or ("5638946") or ("5629794")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2005/05/13 15:59
S60	27	S56 not S57	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/13 16:21
S61	3	(((micro adj electro adj mechanical) or "MEMS" or (micro adj electromechanical) or (micro-electro-mechanical) or (micro-electro-mechanical)) or (micro-electro-mechanical)) same switch\$5 same capacitor).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON .	2005/05/13 16:26
S62	48	(((micro adj electro adj mechanical) or "MEMS" or (micro adj electromechanical) or (micro-electro-mechanical) or (micro-electro-mechanical) or (micro-electro-mechanical)) and capacit\$4).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 09:48
S63	40	S62 not (S46 S47 S48 S49 S50 S51 S52 S56 S61)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/13 16:35
S64	11	(US-20040124497-\$).did. or (US-5880921-\$ or US-6160230-\$ or US-6307452-\$ or US-6347237-\$ or US-6472962-\$ or US-6639488-\$ or US-6762923-\$ or US-6867467-\$ or US-6873223-\$).did. or (EP-1398811-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2005/05/16 08:15
S65	4	("5268696"   "5619061"   "6160230"   "6426687").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/16 08:21
S66	1	("6639488").URPN.	USPAT	OR	ON	2005/05/16 08:23
S67	3	("5578976"   "5619061"   "5880921").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/16 08:31
S68	19	("6307452").URPN.	USPAT	OR	ON	2005/05/16 08:36
S69	1	"20040124497"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 08:38
S70	6	("20020027660" "20020085211" "20030043382" "4211488" "63 23951").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 08:38

			LIO DODUB	00	ON	2005/05/46 00:20
S71	2	rottenberg-xavier.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 08:38
S72	7	jansen-henri.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 08:38
S73	6	tilmans-hendrikus.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 08:38
S74	3	raedt-walter-de.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 08:38
S75	7	S71 S72 S73 S74	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 08:38
S76	1	"410954".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM TDB	OR	ON	2005/05/16 08:38
S77	7	("20020074621"   "20030199118"   "3829881"   "5070317"   "5808527"   "5883382"   "6195047").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/16 08:38
S78	1583	((micro adj2 electromechanical) or "MEMS") and (switch\$5 near2 capacit\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 08:38
S79	1578	S78 not (S69 S70 S75 S76 S77)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR .	ON	2005/05/16 08:39
S80	263	S79 and ((bottom or lower) adj2 (electrode or plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 08:40
S81	166	S80 and ((top\$3 or upper) adj2 (electrode or plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 08:41
S82	5	S81 and (float\$4 adj2 (electrode or plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 09:19
S83	6	("5391543"   "5604375"   "5808527"   "5968876"   "6016434"   "6049726").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/16 08:48
S84	161	S81 not S82	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 09:20

S85	16	S84 and (float\$4 and (dieleetric or insulat\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 09:45
S86	145	S84 not S85	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 09:46
S87	2	S86 and float\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 09:47
S88	23	((micro adj electro adj mechanical) or "MEMS" or (micro adj electromechanical) or (micro-electro-mechanical) or (micro-electro-mechanical) or (micro-electro-mechanical)) and capacit\$4) and ((lower or bottom or first) adj (plate or electrode)) and ((upper or top or second) adj (plate or electrode)) and ((float\$4 adj (gate or electrode or plate)) and (dielectric or insulat\$4) and (bridg\$3 or cantilev\$4 or membran\$3 or beam or armature)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 10:04
S89	1	S88 and (actuat\$4 adj (electrode or plate or gate))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 09:54
S90	13	S88 and (actuat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 10:02
S91	10	S88 not S90	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 10:02
S92	6459 <sup>°</sup>	((micro adj electro adj mechanical) or "MEMS" or (micro adj electromechanical) or (micro-electro-mechanical) or (micro-electro-mechanical)) or (micro adj electro-mechanical)) and capacit\$4 and (overlap)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 10:05
S93	369	S92 and float\$4 and actuat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 10:05
S94	84	S93 and (float\$4 adj (electrode or plate or gate or area or region or portion))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 10:06
S95	54	S94 and (dielectric or insulat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 10:06
S96	49	S95 not S88	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 10:07
S97	24858	((micro adj electro adj mechanical) or "MEMS" or (micro adj electromechanical) or (micro-electro-mechanical) or (micro-electro-mechanical)) and (switchabl\$3 or variabl\$3 or var\$3) and (armatur\$3 or bridge or cantilev\$3 or memberan\$3 or beam) and actuat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR ,	ON	2005/05/16 16:50

S98	226	S97 and (float\$3 near2 (electrode or plate or area or region or part or element))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 16:48
S99	53	S98 and (overlap\$4 or (over adj lap\$4) or over-lap\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 17:12
S10 0	3	S99 and ((micro adj electro adj mechanical) or "MEMS" or (micro adj electromechanical) or (micro-electro-mechanical) or (micro-electro-mechanical)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 17:13
S10 1	173	S98 not S99	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON .	2005/05/16 17:12
S10 2	8	S101 and ((micro adj electro adj mechanical) or "MEMS" or (micro adj electromechanical) or (micro-electro-mechanical) or (micro-electromechanical) or (micro adj electro-mechanical)). ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 17:17
S10 3	165	S101 not S102	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 17:18
S10 4	114	S103 and (project\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/05/16 17:23
S10 5	53	S98 not S101	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM TDB	OR	ON	2005/05/16 17:23
S10 6	809	257/415.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/06/02 15:57
S10 7	809	257/415.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/06/07 11:43
S10 8	3	S107 and (float\$4 adj2 (electrode or plate or layer)) and capacitor and (armature or bridge or cantilever or membrane or beam)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/06/07 12:01
S10 9	377	S107 and (armature or bridge or cantilever or membrane or beam)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/06/07 12:01
S11 0	78	S109 and actuati\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/06/07 12:02
S11 1	11	S110 and (second near2 actuati\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON .	2005/06/07 12:05

S11 2	. 14	(US-20020194919-\$ or US-20040061417-\$ or US-20040124497-\$).did. or (US-5880921-\$ or US-6160230-\$ or US-6307452-\$ or US-6472962-\$ or US-6639488-\$ or US-6651506-\$ or US-6762923-\$ or US-6867467-\$ or US-6873223-\$ or US-6054745-\$).did. or (EP-1398811-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2005/06/07 12:05
S11 3	67	S110 not (S111 S112)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/06/07 12:32
S11 4	28	(S109 not S110) and (float\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/06/07 12:32